

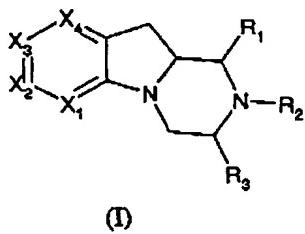
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Currently amended) A chemical compound of formula (I):



wherein:

R₁ to R₃ are independently selected from hydrogen and lower alkyl;

X₁ is selected from N and C-R₄;

X₂ is selected from N and C-R₅;

X₃ is selected from N and C-R₆;

X₄ is selected from N and C-R₇

R₄, R₅ and R₇ are independently selected from hydrogen, halogen, hydroxy, alkyl, haloalkyl, aryl, alkoxy, aryloxy, alkoyl, aryloyl, alkylthio, arylthio, alkylsulfoxyl, arylsulfoxyl, alkylsulfonyl, arylsulfonyl, amino, alkylamino, dialkylamino, nitro, cyano, carboalkoxy, carboaryloxy and carboxy; and

R₆ is selected from hydrogen, halogen, alkyl, haloalkyl, aryl, aryloxy, alkylthio, arylthio, alkylsulfoxyl, arylsulfoxyl, alkylsulfonyl, arylsulfonyl, amino, alkylamino, dialkylamino and cyano;

wherein either at least one of R₅ and R₆ is selected from chlorine, fluorine, haloalkyl and bromine, or R₅ is selected from halogen, haloalkyl and alkylthio, and a pharmaceutically acceptable salt salts and addition compounds thereof.

2. (Original) A compound according to claim 1 wherein R₁ is selected from hydrogen and methyl.
 3. (Original) A compound according to claim 1 wherein R₂ is hydrogen.
 4. (Original) A compound according to claim 1 wherein R₃ is selected from hydrogen and methyl.
- 5 – 8. (Cancelled)
9. (Original) A compound according to claim 1 wherein two of R₄, R₅, R₆ and R₇ are hydrogen.
 10. (Original) A compound according to claim 9 wherein R₄ and R₆ are hydrogen.
 11. (Original) A compound according to claim 1 wherein two of R₄, R₅, R₆ and R₇ are independently selected from hydrogen, chlorine, fluorine, trifluoromethyl and bromine.
 12. (Original) A compound according to claim 1 wherein three of R₄, R₅, R₆ and R₇ are hydrogen.
 13. (Original) A compound according to claim 1 wherein R₄, R₆ and R₇ are hydrogen.
 14. (Original) A compound according to claim 1 wherein R₄ is hydrogen.
 15. (Original) A compound according to claim 1 wherein R₅ is halogen.
 16. (Original) A compound according to claim 1 wherein R₆ is hydrogen.
 17. (Original) A compound according to claim 1 wherein R₇ is halogen.
 18. (Original) A compound according to claim 1 which is selected from:
(RS) 7-chloro-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole,
(RS) 7-chloro-8-methyl-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole,
(10a*R*) 7-chloro-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole,
(RS) 7-bromo-1,2,3,4,10,10a-hexahydroprazino[1,2-*a*]indole,
(3*S*, 10a*R*) 8-chloro-2-methyl-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole,
(10a*R*) 8-chloro-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole, and
(3*S*, 10a*R*) 8-chloro-2-methyl-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole.